

IN THE CLAIMS:

1. (Currently Amended) A method for providing a user interface between a terminal device (~~MS~~) and a communication network (~~IN-NW~~) for configuring intelligent network services, said network (~~IN-NW~~) comprising
a service control entity (~~SCP, CSE~~) and a server entity (~~WAP or WTASERVER~~) communicating with each other via an interface (~~WAP-I/F~~),
said service control entity being connected to at least one service switching device (~~SSP, MSC, HLR, VLR~~) establishing communication via at least one access network (~~RAN, BSS~~) with said terminal device (~~MS~~), and

said terminal device (~~MS~~) being provided with a browsing means (~~WAP-UA~~) adapted to communicate with a user of said terminal device via a man machine interface means (~~MMI~~), and adapted to communicate with said server entity, the method comprising the steps of:

creating a content which constitutes a user interface for the control of a multiple subscriber profiles (~~MSP~~) feature where the user interface hides from the user whether a profile comprises standard supplementary services or intelligent network services;

user interacting (~~S91, S92~~) with the content in that a user selects to modify supplementary service data;

determining (~~S93~~), at the browsing means (~~UA~~), which profile type is determined ~~selected by the user~~, wherein

if the profile is determined to be intelligent network based (~~SECONDARY~~), supplementary service information is communicated (~~S94-S96~~) via said server entity (~~WAP-Server~~) to said service control entity (~~SCP, CSE~~), whereas

if the profile is standard supplementary service based (~~PRIMARY~~), a request for supplementary service registration is forwarded from the browsing means (~~UA~~) to the terminal device (~~MS~~); and a command to register the supplementary service data is forwarded from the terminal device (~~MS~~) via a first service switching device (~~MSC/VLR~~) to a second service switching device (~~HLR~~), and

modifying the state of the subscriber profiles in accordance with said user interaction.

2. (Currently Amended) A method according to claim 1, wherein said states of the subscriber profiles comprises the identity of the profile designated as the registered profile, ~~and/or~~ service states, ~~and/or~~ profiles selected for incoming or outgoing calls, ~~and/or~~ the execution states of each service.

3. (Original) A method according to claim 1, wherein the modifying the subscriber profiles state includes the selection of the profile to be used for an outgoing call.

4. (Original) A method according to claim 1, wherein the modifying the subscriber profiles state includes the selection of the profile to be used for an incoming call.

5. (Currently Amended) A method according to claim 1, wherein said services states comprise service activity/inactivity ~~and/or~~ service parameters, or both, for each service.

6. (Currently Amended) A method according to claim 1, wherein said content is loaded into said terminal device (~~MS~~) in response to a predetermined event.

7. (Currently Amended) A method according to claim 6, wherein said predetermined event is an IMSI attach, ~~and/or~~ a location updating, ~~and/or~~ a switching on of a new terminal for the user, ~~and/or~~ a subscriber profile registration request, ~~and/or~~ a supplementary service activation I deactivation request, ~~and/or~~ a terminal device originated call set-up request, ~~and/or~~ a terminal device terminated call set-up request.

8. (Original) A method according to claim 6, wherein said loading is effected from a subscriber identity module (SIM) to said terminal device mobile equipment part (ME).
9. (Currently Amended) A method according to claim 6, wherein said loading of said content is effected from a network element (~~WAP SERVER~~) to said terminal device mobile equipment part (~~ME~~).
10. (Original) A method according to claim 6, wherein said content is cached in said terminal device for later events.
11. (Original) A method according to claim 2, wherein said registered profile within the subscriber profiles state is maintained in the service control entity.
12. (Original) A method according to claim 11, wherein the selection of said registered profile is communicated to the service control entity by said browsing means.
13. (Original) A method according to claim 12, wherein the selection of said registered profile is communicated to the service control entity by the content issuing a USSD or SMS message to said network, the network communicating the registered profile to the service control entity.
14. (Original) A method according to claim 12, wherein the selection of said registered profile is communicated to the service control entity by the content issuing a WSP/HTTP post method (wireless session protocol/hypertext transfer protocol) to said network, the network communicating the registered profile to the service control entity.
15. (Original) A method according to claim 2, wherein said services states within the subscriber profiles state are maintained in the service control entity.

16. (Currently Amended) A method according to claim 2, wherein said services states within the subscriber profiles state are maintained ~~partly~~ in the service control entity and ~~partly or~~ in the GSM registers (HLR, VLR).

17. (Original) A method according to claim 15, wherein a change in said services states is communicated to the service control entity by said browsing means.

18. (Original) A method according to claim 17, wherein a change in said services state is communicated to the service control entity by the content issuing a USSD or SMS message to said network, the network communicating the registered profile to the service control entity.

19. (Original) A method according to claim 17, wherein a change in said services state is communicated to the service control entity by the content issuing a WSP/HTTP post method (wireless session protocol/hypertext transfer protocol) to said network, the network communicating the registered profile to the service control entity.

20. (Original) A method according to claim 1, wherein the selection of the subscriber profile to be used for a terminated call is performed by issuing a content push to said browser means; user interacting with the content; selected subscriber profile indicated to said server entity.

21. (Original) A method according to claim 20, wherein the selection of the profile to be used for a terminated call is prompted from the user when the calling party dials a number not explicitly indicating the subscriber profile for the incoming call.

22. (Original) A method according to claim 1, wherein the modifying of the state of the subscriber profiles includes the control of the execution of each service.

23. (Currently Amended) A method according to claim 6, wherein first the capabilities of the said terminal device ~~(MS)~~ and/or user agent capabilities or both are indicated to said server entity; the said content is selected on the said server entity based on the said capabilities; the said selected content is downloaded to the said terminal device ~~(MS)~~.

24. (Currently Amended) A method according to claim 23, wherein the capabilities of the said terminal device (MS) and/or user agent capabilities or both are indicated to said server entity if the mobile equipment part ~~(ME)~~ of the said terminal device has changed since the latest power off of the said terminal device ~~(MS)~~.

25. (Currently Amended) A method according to claim 23, wherein first said content is downloaded to said terminal device ~~(MS)~~, if it is discovered that such content is not already stored in said terminal device ~~(MS)~~.

26. (Currently Amended) A method according to claim 25, wherein information on the downloaded services is inquired from said terminal device ~~(MS)~~ and the downloading of said content is performed only if it is not among said downloaded services.

27. (Currently Amended) A method according to claim 1, wherein said content discovers the capabilities of said network when the user attaches to the network or enters the area of a new service switching device ~~(MSC, SSP)~~.

28. (Original) A method according to claim 27, wherein said content modifies the said user interface for the control of a multiple subscriber profiles feature in accordance with said capabilities of said network.

29. (Currently Amended) A method according to claim 27, wherein said capabilities of the said network is the Camel feature version supported in said current service switching device ~~(MSC, SSP)~~.

30. (Currently Amended) A method according to claim 8, wherein the capabilities of the said terminal device (~~MS~~) and/or browsing means or both are checked and compared to the capability requirements of said content before said loading; and if the capability requirements are not satisfying, downloading said content from said network.
31. (Currently Amended) A system for providing a user interface between a terminal device (~~MS~~) and a communication network (~~IN-NW~~) for configuring intelligent network services, said system being adapted to operate according to the method according to claim 1.